

7500 kg/batch

Common Name	CAS Name	CAS Number	kg
Dicyclopentadiene	4,7-Methano-1H-indene, 3a,4,7,7a-tetrahydro-	77-73-6	2928
Maleic anhydride	2,5-Furandione	108-31-6	2172
Water	water	7732-18-5	418
Trimethylol propane	1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-	77-99-6	1981
total			7500

Points of worker exposure during the manufacturing process (see diagram below):

- Samples are collected and tested during reaction to monitor progress. Sampling takes a matter of seconds and testing takes a few minutes.
- A one-pint sample is collected during the packaging process. Sampling takes a matter of seconds.
- Product is fed into 55 gallon drums for packaging.

Points of chemical release during the manufacturing process (see diagram below):

- The product has a low vapor pressure. Release of new product to the thermal oxidizer after the condenser is minimal.
- Samples are taken during the reaction to monitor progress. Sample takes a matter of seconds
- A one-pint sample is collected during the packaging process (sampling takes a matter of seconds).
- The product is fed into 55 gallon drums for packaging.

Note: The reactor is not washed between batches.

